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A family of related, adhesive glycoproteins which are synthesized, secreted, and incorporated into the extracellular matrix of a variety of cells, including alpha granules of platelets following thrombin activation and endothelial cells. They interact with a number of BLOOD COAGULATION FACTORS and anticoagulant factors. Five distinct forms have been identified, thrombospondin 1, -2, -3, -4, and cartilage oligomeric matrix protein (COMP). They are involved in cell adhesion, platelet aggregation, cell proliferation, angiogenesis, tumor metastasis, vascular smooth muscle growth, and tissue repair.

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MeSH Tree 1

- ▶ All MeSH Categories
 - ▶ Chemicals and Drugs (MeSH Category)
 - ▶ Amino Acids, Peptides, and Proteins
 - ▶ Proteins
 - ▶ Glycoproteins
 - ▶ Membrane Glycoproteins
 - ▶ ATP-Binding Cassette Transporters
 - ▶ Antigens, CD55
 - ▶ Antigens, CD58
 - ▶ Antigens, CD59
 - ▶ Antigens, Thy-1
 - ▶ Antiporters
 - ▶ CA-15-3 Antigen
 - ▶ CD40 Ligand
 - ▶ Cell Adhesion Molecules
 - ▶ Fibronectins
 - ▶ GAP-43 Protein
 - ▶ Laminin
 - ▶ Myelin-Associated Glycoprotein
 - ▶ Platelet Membrane Glycoproteins
 - ▶ Synaptophysin
 - ▶ **Thrombospondins**
 - ▶ Thrombospondin 1
 - ▶ Variant Surface Glycoproteins, Trypanosoma

MeSH Tree 2

- ▶ All MeSH Categories
 - ▶ Chemicals and Drugs (MeSH Category)
 - ▶ Amino Acids, Peptides, and Proteins
 - ▶ Proteins
 - ▶ Membrane Proteins
 - ▶ Membrane Glycoproteins
 - ▶ ATP-Binding Cassette Transporters
 - ▶ Antigens, CD55
 - ▶ Antigens, CD58
 - ▶ Antigens, CD59
 - ▶ Antigens, Thy-1
 - ▶ Antiporters
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